

WHAT IS CLAIMED IS:

1. An apparatus for reproducing data comprising:

5 a reproduction device for receiving a data constellation, which includes content data and control data for controlling reproduction of said content data, and reproducing said content data based on said control data;

a detection device for detecting whether or not the reproduction of said content data by means of said reproduction device is to be halted based on said control data; and

10 a subsequent processing-execution device for executing a subsequent processing as previously set, when said detection device obtains detection results that the reproduction of said content data by means of said reproduction device is to be halted.

2. The apparatus as claimed in Claim 1, further comprising:

15 a subsequent processing-setting device for setting contents of said subsequent processing, which is to be executed by means of said subsequent processing-execution device, through input of a user's instruction.

3. The apparatus as claimed in Claim 1, wherein:

20 said detection device detects whether the control data including a command to halt the reproduction of said content data by means of said reproduction device have been used or not.

4. The apparatus as claimed in Claim 1, wherein:

25 said detection device detects no existence of the control data designating content data, which are to be reproduced next by means of said reproduction device.

5. The apparatus as claimed in Claim 1, wherein:  
said subsequent processing-execution device reproduces, as said subsequent processing, a menu for said content data.
6. The apparatus as claimed in Claim 1, wherein:  
5 said subsequent processing-execution device reproduces, as said subsequent processing, content data designated by the user.
7. The apparatus as claimed in Claim 1, wherein:  
said subsequent processing-execution device outputs, as said subsequent processing, a message for prompting the user to input a  
10 predetermined instruction.
8. The apparatus as claimed in Claim 1, wherein:  
said reproduction device comprises a receiving unit for receiving a recording medium in which said data constellation has been recorded, and a reading unit for reading said data constellation from said  
15 recording medium to reproduce said content data based on said control data; and  
said subsequent processing-execution device unloads, as said subsequent processing, said recording medium from said receiving unit.
- 20 9. The apparatus as claimed in Claim 1, wherein:  
said reproduction device comprises a reading unit for reading said data constellation from one of a plurality of recording media to reproduce said content data based on said control data; and  
said subsequent processing-execution device replaces, as said  
25 subsequent processing, the recording medium with another recording medium from which said data constellation is to be read out.

10. The apparatus as claimed in Claim 1, wherein:

said reproduction device reads the data constellation from the recording medium in which said data constellation has been recorded, and reproduce said content data based on said control data included  
5 in the data constellation as read out; and

said subsequent processing-execution device conducts, as said subsequent processing, a reproduction termination processing for the content data recorded in said recording medium and then, conducts a reproduction preparation processing for a next reproduction start.

10 11. The apparatus as claimed in Claim 1, wherein:

said subsequent processing-execution device offers, as said subsequent processing, a plurality of processing to the user and outputs a message for prompting the user to select any one of said plurality of processing.

15 12. A computer program to be executed by a computer, wherein said program causes said computer to function as the apparatus as claimed in Claim 1 for reproducing data.

13. A method for reproducing data comprising:

a reproduction step for receiving a data constellation, which  
20 includes content data and control data for controlling reproduction of said content data, and reproducing said content data based on said control data;

a detection step for detecting whether or not the reproduction of said content data in said reproduction step is to be halted based on  
25 said control data; and

a subsequent processing-execution step for executing a subsequent processing as previously set, when there are obtained

detection results that the reproduction of said content data in said reproduction step is to be halted.